BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

NAME OF WORK:- Additional and Alteration of school Buildings at Kanakanagara,Allalsandra and Ambedkar Nagara in Ward No-04.

Modified Cost RS :- 102.75 Lakhs

Agency:-M/S Goutham Construction Prop.Sri.RAGHUNATHA B P

1st & Final Bill

Measurements Taken On:- 27/07/2022

S.No	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB M200-12.3.Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherevernecessary,sorting the dismantled material, disposal of unserviceablematerial and stacking the serviceable material with all lifts complete asper specifications.C.Prestressed/ReinforcedCement Concrete Grade M-20 & above.Morth Specification No, 202.(Page No 139,Item No 18.19)	Cum							
	Quantity Vide As Per Pre Measurement are Prepared in Excel Sheets of E-Bill 65.80								
							65.80	1800.21	118450.53
2	KSRRB M200-14.2.Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherevernecessary,sorting the dismantled material, disposal of unserviceablematerial and stacking the serviceable material with all lifts complete asper specifications Dismantling brick/Tile work B. In cement mortar. Pg No.139 Item No.18.23	Cum							
	Quantity Vide As Per Pre Measurement are Prepared in Excel Sheets of E-Bill 81.98								
							81.98	397.65	32599.94
3	37.51: Dismantling cement concrete flooring or plain cement concrete work including removing and conveying the debris to distance upto 200m (within average thickness of 15 cms) No. KBS Pg No 270 ,Item No 37.51.	Sqm							
	Quantity Vide As Per Pre Measurement are Prepared in Excel Sheets of E-Bill 264.68								
							264.68	97.43	25788.02
4	Dismantling plastering and removing the debris with a lead upto 200m. (P.No.270, I No. 37.50)	Sqm							
	Quantity Vide As Per Pre Measurement are Prepared in Excel Sheets of E-Bill 451.79								
							451.79	41.92	18939.04
5	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge. Pg No 136,Item No17.4	Cum							
	Quantity Vide As Per Pre Measurement are Prepared in Excel Sheets of E-Bill 269.21								
							269.21	70.38	18947.27

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
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6	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. Specification No. KBS 2.1(b) / 2.3.5 Pg No 6,Item No 2.4	Cum									
	Quantity Vide As Per Pre Measurement are Prepared in Excel Sheets of E-Bill							243.41			
								243.41	508.68	123817.80	
7	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. Specification No. KBSPg No 7, Item No 2.15	Cum									
	Quantity Vide As Per Pre Measurement are Prepared in Excel Sheets of E-Bill							19.35			
								19.35	2751.86	53248.49	
8	KSRB 4-1.6 : Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kg.s, with 20mm and down size graded granite metal coarse aggregates@0.69cum and fine aggregtes @ 0.459cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation Plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per-specifications.SpecificationNo. KBS 4.1, 4.2Pg No.13 Item No 4.6 of PWD SR 2018-19)	Cum									
	Quantity Vide As Per Pre Measurement are Prepared in Excel Sheets of E-Bill							46.90			
								46.90	6706.56	314539.01	
9	KSRB 4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates@0.69cum and fine aggregtes @ 0.43cum, with superplastisiser@3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. SpecificationNo. KBS 4.1, 4.2 (P.No.13, I.No.4.5 of PWD SR 2018-19)	Cum									
	Basement Coping Concrete										
	Ambedkar Colony Anganawadi:-Long Wall		3	6.35	0.45	0.15	1.29				
			3	1.90	0.45	0.15	0.38				
	Short Wall		3	5.00	0.45	0.15	1.01				
			3	2.35	0.45	0.15	0.48				
	Kanakanagara School :-Long Wall		2	13.35	0.45	0.15	1.80				
			1	8.40	0.45	0.15	0.57				
	Short Wall		4	5.00	0.45	0.15	1.35				
			3	1.95	0.45	0.15	0.39				
	Flooring Concrete:-										
	Flooring:-Ambedkar Colony Anganawadi:Hall		1	6.30	4.20	0.15	4.44				
			1	1.95	4.70	0.15	1.37				
	Sump		1	8.50	1.35	0.15	1.85				
			1	2.40	1.20	0.05	0.14				
	Kanakanagara School:-Class Room 1		1	5.20	4.75	0.15	3.71				
	Class Room 2		1	6.40	4.75	0.15	4.56				
	Varanda		1	6.80	1.35	0.15	1.38				
			1	13.40	1.95	0.15	3.92				
	Step		2	2.90	0.25	0.10	0.15				

6	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. Specification No. KBS 2.1(b) / 2.3.5 Pg No 6,Item No 2.4	Cum									
	Quantity Vide As Per Pre Measurement are Prepared in Excel Sheets of E-Bill							243.41			
								243.41	508.68	123817.80	
7	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. Specification No. KBSPg No 7, Item No 2.15	Cum									
	Quantity Vide As Per Pre Measurement are Prepared in Excel Sheets of E-Bill							19.35			
								19.35	2751.86	53248.49	
8	KSRB 4-1.6 : Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kg,s, with 20mm and down size graded granite metal coarse aggregates@0.69cum and fine aggregtes @ 0.459cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation Plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per-specifications.SpecificationNo. KBS 4.1, 4.2Pg No.13 Item No 4.6 of PWD SR 2018-19)	Cum									
	Quantity Vide As Per Pre Measurement are Prepared in Excel Sheets of E-Bill							46.90			
								46.90	6706.56	314539.01	
9	KSRB 4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates@0.69cum and fine aggregtes @ 0.43cum, with superplastisiser@3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. SpecificationNo. KBS 4.1, 4.2 (P.No.13, I.No.4.5 of PWD SR 2018-19)	Cum									
	Basement Coping Concrete										
	Ambedkar Colony Anganawadi:-Long Wall		3	6.35	0.45	0.15	1.29				
			3	1.90	0.45	0.15	0.38				
	Short Wall		3	5.00	0.45	0.15	1.01				
			3	2.35	0.45	0.15	0.48				
	Kanakanagara School :-Long Wall		2	13.35	0.45	0.15	1.80				
			1	8.40	0.45	0.15	0.57				
	Short Wall		4	5.00	0.45	0.15	1.35				
			3	1.95	0.45	0.15	0.39				
	Flooring Concrete:-										
	Flooring:-Ambedkar Colony Anganawadi:Hall		1	6.30	4.20	0.15	4.44				
			1	1.95	4.20	0.15	1.37				
	Sump		1	8.50	1.35	0.15	1.85				
	Kanakanagara School:-Class Room 1		1	2.40	1.20	0.05	0.14				
	Class Room 2		1	5.20	4.75	0.15	3.71				
	Varanda		1	6.40	4.75	0.15	4.56				
			1	6.80	1.35	0.15	1.38				
	Step		1	13.40	1.95	0.15	3.92				
			2	2.90	0.25	0.10	0.15				

								28.79	6741.03	194064.98
10	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerdressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 Pg No 25 item No 5.6	Cum								
	Quantity Vide As Per Pre Measurement are Prepared in Excel Sheets of E-Bill 59.70									
								59.70	5206.90	310845.42
11	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9, Pg No.7, Item No.2.10	Cum								
	Quantity Vide As Per Pre Measurement are Prepared in Excel Sheets of E-Bill 170.71									
								170.71	227.72	38874.99
12	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2, Pg No16, Item No 4.28	Sqm								
	Quantity Vide As Per Pre Measurement are Prepared in Excel Sheets of E-Bill 131.38									
								131.38	292.29	38401.06
13	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness , including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2, Pg No 16, Item No 4.31	Sqm								
	Quantity Vide As Per Pre Measurement are Prepared in Excel Sheets of E-Bill 94.68									
								94.68	405.59	38401.26
14	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc. and Removal of form Work for columns, pillars, piers, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specificaiton. Specification No.KBS 4.6.2, Pg No 16, Item No 4.32	Sqm								
	Quantity Vide As Per Pre Measurement are Prepared in Excel Sheets of E-Bill 187.49									
								187.49	516.61	96858.18
15	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. - 0 to 5 mtrs. Specification No. KBS 4.6.2 page no.16 item no 4.29.2	Sqm								
	Quantity Vide As Per Pre Measurement are Prepared in Excel Sheets of E-Bill 316.44									
								316.44	453.17	143402.25

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16	KSRB 4-6.9 : Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floors including cost of all materials,labour complete as per specifications. Specifications No. KBS 4.6.2, Pg No 17,Item No 4.36	Sqm								
	Quantity Vide As Per Pre Measurement are Prepared in Excel Sheets of E-Bill							27.51		
								27.51	855.35	23530.68
17	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons.SpecificationNo. KBS 4.6.2, Pg No 17, Item No 4.34	Sqm								
	Quantity Vide As Per Pre Measurement are Prepared in Excel Sheets of E-Bill							242.57		
								242.57	330.81	80242.93
18	KSRB 4-6.11 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2, Pg No 17, Item No 4.38	Sqm								
	Quantity Vide As Per Pre Measurement are Prepared in Excel Sheets of E-Bill							37.94		
								37.94	589.12	22351.21
19	KSRB 4-6.10 :Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2 Pg No 17,Item No 4.37	Sqm								
	Quantity Vide As Per Pre Measurement are Prepared in Excel Sheets of E-Bill							10.04		
								10.04	365.93	3672.11
20	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates@0.70 cum and fine aggregtes@ 0.47cum, with super plasticisers@ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars,posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6, Pg No. 14, Item No. 4.10	Cum									
	Ambedkar Colony Anganawadi:-Footings -F1		1	3.90	3.90	0.60	9.13			
	F2		1	3.00	3.00	0.60	5.40			
	F2'		1	3.90	1.80	0.60	4.21			
	F2"		1	3.60	2.10	0.60	4.54			
	F3		1	3.00	1.80	0.60	3.24			
	F3'		1	2.40	1.80	0.60	2.59			
	Columns Up to plinth level:- C1		1	0.45	0.20	0.90	0.08			
	C2		1	0.45	0.20	0.90	0.08			
	C2'		1	0.45	0.20	0.90	0.08			
	C2"		1	0.45	0.20	0.90	0.08			
	C3		1	0.45	0.20	0.90	0.08			
	C3'		1	0.45	0.20	0.90	0.08			
	Plinth Beam :-PB1		3	6.50	0.20	0.45	1.76			

	PB2		3	2.05	0.20	0.45	0.55		
			3	4.70	0.20	0.45	1.27		
			3	2.05	0.20	0.45	0.55		
	Sump:-Bottom		1	2.70	1.80	0.20	0.97		
	Side Walls		2	2.70	0.20	1.50	1.62		
			2	1.20	0.20	1.50	0.72		
	Cover Slab		1	2.70	1.50	0.15	0.61		
	Kanakanagara School Footings:-F1		1	3.90	3.90	0.60	9.13		
	F2		2	3.60	3.00	0.60	12.96		
	F3		1	3.00	3.00	0.60	5.40		
	F3'		2	2.40	2.10	0.60	6.05		
	F2-F4		2	4.80	2.00	0.60	11.52		
	Columns Up to plinth level- C		1	0.45	0.20	0.90	0.08		
	C2		4	0.45	0.20	0.90	0.32		
	C3		1	0.45	0.20	0.90	0.08		
	C3'		2	0.45	0.20	0.90	0.16		
	C2-C4		2	0.45	0.20	0.90	0.16		
	Plinth Beam :-PB1		2	13.50	0.20	0.45	2.43		
			1	8.55	0.20	0.45	0.77		
	PB2		4	4.70	0.20	0.45	1.69		
			3	1.65	0.20	0.45	0.45		
							88.84	7383.34	655961.77
21	KSRB 4.2.8 : Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes@ 0.47cum,with superplastisiser@3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts butters,stringor lacing courses ,parapets,coping,bedblocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications. No KBS 4.1, 4.6, Pg No. 14, Item No. 4.12	Cum							
	GF:-Ambedkar Colony Anganawadi:								
	Columns Up to Floor level - C		1	0.45	0.20	3.00	0.27		
	C2		1	0.45	0.20	3.00	0.27		
	C2'		1	0.45	0.20	3.00	0.27		
	C2"		1	0.45	0.20	3.00	0.27		
	C3		1	0.45	0.20	3.00	0.27		
	C3'		1	0.45	0.20	3.00	0.27		
	Lintel Beams:-Long Wall		2	8.55	0.20	0.20	0.68		
	Short Wall		3	4.70	0.20	0.20	0.56		
			1	1.95	0.20	0.20	0.08		
	Kanakanagara School:-								
	Columns Up to floor level - C		1	0.45	0.20	3.00	0.27		
	C2		4	0.45	0.20	3.00	1.08		
	C3		1	0.45	0.20	3.00	0.27		
	C4		2	0.45	0.20	3.00	0.54		
	Lintel Beams:-Long Wall		2	0.20	0.20	3.00	0.24		
			1	13.45	0.20	0.20	0.54		
	Short Wall		1	12.00	0.20	0.20	0.48		
			3	4.75	0.20	0.20	0.57		
							6.93	7647.31	53026.45

22	KSRB 4.2.8 : Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs. with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes@ 0.47cum,with superplastisiser@3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,stringor lacing courses ,parapets,coping,bedblocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications. No. KBS 4.1, 4.6, Pg No. 14, Item No. 4.12	Cum								
	FF:-Ambedkar Colony Anganawadi:-									
	Columns Up to floor level - C1		1	0.45	0.20	3.00	0.27			
	C2		1	0.45	0.20	3.00	0.27			
	C2'		1	0.45	0.20	3.00	0.27			
	C2"		1	0.45	0.20	3.00	0.27			
	C3		1	0.45	0.20	3.00	0.27			
	C3'		1	0.45	0.20	3.00	0.27			
	Lintel Beams:-Long Wall		2	8.55	0.20	0.20	0.68			
	Short Wall		2	4.45	0.20	0.20	0.36			
	Kanakanagara School:-									
	Columns Up to floor level - C1		1	0.45	0.20	3.00	0.27			
	C2		4	0.45	0.20	3.00	1.08			
	C3		1	0.45	0.20	3.00	0.27			
	C3'		2	0.45	0.20	3.00	0.54			
	C4		2	0.20	0.20	3.00	0.24			
	Lintel Beams:-Long Wall		1	13.45	0.20	0.20	0.54			
			1	12.00	0.20	0.20	0.48			
	Short Wall		3	4.45	0.20	0.20	0.53			
	Staire case									
	Ambedkar Colony Anganawadi:-1st flight		1	4.20	0.90	0.15	0.57			
	Landing		1	1.70	0.90	0.15	0.23			
	2nd flight		1	1.50	0.90	0.15	0.20			
	Steps	0.5	19	0.75	0.25	0.15	0.27			
	3rd flight		1	4.20	0.90	0.15	0.57			
	Landing		1	1.70	0.90	0.15	0.23			
	4th flight		1	1.50	0.90	0.15	0.20			
	Steps	0.5	19	0.75	0.25	0.15	0.27			
	Kanakanagara School :-3rd flight		1	4.20	0.90	0.15	0.57			
	Landing		1	1.80	1.50	0.15	0.41			
	4th flight		1	1.50	0.90	0.15	0.20			
	Steps	0.5	19	0.75	0.25	0.15	0.27			
	Allalsandra Sri Shakthi Bhavana Near Anganawadi :-									
	Columns		6	0.45	0.23	3.15	1.96			
	Lintel Beams:-Long Wall		2	11.80	0.23	0.20	1.09			
	Short Wall		3	4.40	0.23	0.20	0.61			
	3rd flight		1	5.90	1.10	0.15	0.97			
	Landing		1	1.50	1.35	0.15	0.30			
	4th flight		1	3.50	1.10	0.15	0.58			
	Steps	0.5	18	0.75	0.25	0.15	0.25			
							16.34			
	A)Up to125% of quantity						11.58	7715.29	89304.48	
	B)Above 125% of quantity						4.76	7715.29	36724.78	

								79.06	7026.-
24	KSRB 4.2.11 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto First Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 Pg No.15 Item no.4.20	Sqm							
	Kanakanagara School :-W		4	1.50	0.45			2.70	
	Allalsandra Sri Shakthi Bhavana Near Anganawadi :-W		4	1.60	0.45			2.70	
			4	2.30	0.45			4.64	
								10.04	
		A)Up to125% of quantity						7.88	567.59	4469.77
		B)Above 125% of quantity						2.16	567.59	1225.99
25	KSRB 4.9.2 : Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.SpecificationNo. KBS 4.6.3 Pg No.18 Item No.4.46.2	Tonne							
	Quantity Vide As Per Pre Measurement are Prepared in Excel Sheets of E-Bill							20.33		
								20.33	99036.47	2013312.20
26	KSRB 4.9.2 : Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.SpecificationNo. KBS 4.6.3 Pg No.18 Item No.4.46.2	Tonne							
	Quantity Vide As Per Pre Measurement are Prepared in Excel Sheets of E-Bill							9.24		
		A)Up to125% of quantity						5.83	99883.89	582323.08
		B)Above 125% of quantity						3.41	99883.89	340339.27
27	KSRB 5-14.1 Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) 2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications. KBS No 5.4, Pg No. 27 Item No. 5.27.1	Sqm							
	GF:-Ambedkar Colony Anganawadi:-								
	Long Wall		2	8.55		3.00		51.30	
	Short Wall		2	4.70		3.00		28.20	
	Partition Walls		1	4.20		1.90		8.93	
	Toilet Walls			2.40		0.80		1.92	

	Short Wall		3	4.45		0.20	2.67		
	Beams :-Long Wall		2	13.45		0.30	8.07		
			1	8.55		0.30	2.57		
	Short Wall		3	4.45		0.30	4.01		
			3	1.65		0.30	1.49		
							94.49		
							140.78	1101.20	155021.43
29	KSRB 6-2 : Providing and constructing burnt brick masonry with approved quality of non-modular bricks of standard size of class designation 5.0 Newton per sqmm (table moulded) with cement mortar 1:6 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.SpecificationNo. KBS 6.2(BCSR Item No 6.6,Page No.29)	Cum							
	Allalsandra Sri Shakthi Bhavana Near Anganawadi :-								
	L/walls		2	11.80	0.23	3.15	17.10		
	S/walls		3	4.40	0.23	3.15	9.56		
	Parapet Wal		1	2.40	0.12	0.80	0.23		
			1	4.65	0.12	0.80	0.45		
			1	11.30	0.12	0.80	1.08		
			1	5.40	0.12	0.80	0.52		
			1	5.05	0.12	0.80	0.48		
	Staire Case Wal		1	0.75	0.10	0.80	0.06		
			1	1.75	0.10	0.80	0.14		
			4	1.00	0.10	0.80	0.32		
			1	3.50	0.10	0.80	0.28		
			1	5.90	0.10	0.80	0.47		
							30.70		
	Doors		2	1.00	0.23	2.10	4.20		
			4	1.20	0.23	1.20	5.76		
	Lintel Beams :-Long Wall		2	11.80	0.23	0.20	1.09		
	Short Wall		3	4.40	0.23	0.20	0.61		
	Beams :-Long Wall		2	11.80	0.23	0.30	1.63		
	Short Wall		3	4.40	0.23	0.50	1.52		
							14.80		
							15.90	7665.08	121868.64
30	KSRB15-3.8 : Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Pg No. 116,Item No.15.16	Sqm							
	External Plastering:-								
	GF:-Ambedkar Colony Anganawadi:-								
	Long Wall		2	8.55		3.00	51.30		
	Short Wall		2	6.60		3.00	39.60		
	Kanakanagara School:-								
	Long Wall		2	13.45		3.00	80.70		
	Short Wall		2	6.60		3.00	39.60		
			1	1.65		3.00	4.95		
							216.15		
	(-)Deductions								
	Ambedkar Colony Anganawadi:-								
	Main Door		1	1.00		2.10	2.10		
	D		1	0.75		1.95	1.46		
	W		2	1.20		1.20	2.88		
	Kanakanagara School:-								
	Main Door		2	1.00		2.10	4.20		
	W		4	1.20		1.20	5.76		

							16.40		
							199.75	295.69	59063.34
31	KSRB15-3.8 : Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Pg No. 116, Item No.15.16	Sqm							
	External Plastering:-								
	FF:-Ambedkar Colony Anganawadi:-								
	Long Wall		2	8.50		4.50	76.50		
	Short Wall		2	4.70		4.50	42.30		
	Parapet Wall		2	8.60		0.80	13.76		
			2	4.70		0.80	7.52		
			2	1.90		0.80	3.04		
			2	1.65		0.80	2.64		
			2	0.80		0.80	1.28		
			2	4.70		0.80	7.52		
			2	1.95		0.80	3.12		
	Kanakanagara School:-								
	Long Wall		2	13.40		4.50	120.60		
	Short Wall		3	4.70		4.50	63.45		
			1	1.60		4.50	7.20		
	Parapet Wall		1	13.40		0.80	10.72		
			2	4.90		0.80	7.84		
	Allalsandra Sri Shakthi Bhavana Near Anganawadi :-								
	Long Wall		2	11.80		3.10	73.16		
	Short Wall		2	4.90		3.10	30.38		
	FF Terrace:-Ambedkar Colony Anganawadi:-		1	3.60	4.70		29.61		
			1	5.50	1.65		9.08		
			1	4.70	1.90		8.93		
	Kanakanagara School:-		1	13.40	4.90		65.66		
			1	10.90	0.90		9.81		
			1	8.70	1.05		9.14		
	Allalsandra Sri Shakthi Bhavana Near Anganawadi :-		1	11.20	5.40		60.48		
							663.73		
	(-)Deductions								
	Ambedkar Colony Anganawadi:-								
	Main Door		1	1.00		2.10	2.10		
	W		2	1.20		1.20	2.88		
			1	0.90		1.20	1.08		
	Kanakanagara School:-								
	Main Door		2	1.00		2.10	4.20		
	W		8	1.20		1.20	11.52		
	Allalsandra Sri Shakthi Bhavana Near Anganawadi :-								
	D		2	1.00		2.10	4.20		
	W		4	1.20		1.20	5.76		
							31.74		
							631.99		
		A)Up to125% of quantity					358.51	309.29	110884.33
		B)Above 125% of quantity					273.48	302.49	82724.21
32	KSRB 15.3.2 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Pg No. 115 Item No.15.10	Sqm							

		A)Up to125% of quantity					242.55	237.91	57705.07
		B)Above 125% of quantity					55.92	237.91	13303.93
34	KSRB 15.5.1 : Providing Rough cement plastering 15mm thick in single coat with cement mortor 1:4 to brick masanry for base of dadooing works with sand of approved quality ,providing and removing scaffolding ,including cost of materials ,labour,curing complete as per specifications.Page No-117,Item No-15.30	Sqm							
	Ambedkar Colony Anganawadi:-Partotion Wal		1	1.90		1.90	3.61		
			1	1.20		1.90	2.28		
							5.89	232.25	1367.95
35	KSRB15-3-14 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to ceiling including rounding off corners wherever required smooth rendering, : including Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Pg No 116, Item No15.22	Sqm							
	Cealing:-								
	GF:-Ambedkar Colony Anganawadi:Hall		1	6.30	4.70		29.61		
			1	1.95	4.70		9.17		
			1	8.50	1.45		12.33		
	Sump		1	2.40	1.20		2.88		
	Kanakanagara School:-Class Room 1		1	5.20	4.75		24.70		
	Class Room 2		1	6.40	4.75		30.40		
	Varanda		1	6.80	1.35		9.18		
			1	13.40	1.95		26.13		
	FF:-Ambedkar Colony Anganawadi:Hall		1	6.30	4.70		29.61		
			1	1.95	4.70		9.17		
			1	8.50	1.45		12.33		
	Kanakanagara School:-Class Room 1		1	5.20	4.75		24.70		
	Class Room 2		1	6.40	4.75		30.40		
	Varanda		1	6.80	1.35		9.18		
			1	13.40	1.95		26.13		
	Allalsandra Sri Shakthi Bhavana Near Anganawadi:-								
	Rooms		2	5.25	4.25		44.63		
			1	11.00	0.60		6.60		
							337.13		
		A)Up to125% of quantity					242.55	254.91	61828.42
		B)Above 125% of quantity					94.58	254.91	24108.11
36	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty . Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of alll materials cost of labour and scaffolding etc. ,complete as per specification. Pg No.128 Item No.15.106	Sqm							
	Internal painting	Quantity Vide Item NO-32					344.52		
		Quantity Vide Item NO-34					5.89		
							350.41	88.37	30965.73

	GF:-Ambedkar Colony Anganawadi:Hall		1	6.30	4.70		29.61		
			1	1.95	4.70		9.17		
			1	8.50	1.45		12.33		
	Kanakanagara School:-Class Room 1		1	5.20	4.75		24.70		
	Class Room 2		1	6.40	4.75		30.40		
	Varanda		1	6.80	1.35		9.18		
			1	13.40	1.95		26.13		
	Step		2	12.90	0.30		1.74		
							143.25	714.87	102406.41
42	KSRB 14.9-1: Providing and laying M-15 cement concrete flooring 50 mm thick with metallic concrete hardner topping , under layer 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, complete as per specifications Specification No. KBS 14.4, Pg No 104,Item No 14.13	Sqm							
	FF:-Ambedkar Colony Anganawadi:Hall		1	8.40	4.70		39.48		
			1	8.50	1.45		12.33		
	Kanakanagara School:-Class Room 1		1	5.20	4.75		24.70		
	Class Room 2		1	6.40	4.75		30.40		
	Varanda		1	6.80	1.35		9.18		
							26.13		
	Allalsandra Sri Shakthi Bhavana Near Anganawadi :								
	Rooms		1	5.50	8.40		48.40		
			1	5.10	0.75		3.83		
							194.44		
		A)Up to125% of quantity					103.13	717.14	73955.06
		B)Above 125% of quantity					91.31	717.14	65482.05
43	Providing and fixing Vitrified glazed tiles of approved make,quality & colour of size 600 x 600 x 10 mm thick fixed on bed of 12mm thickcement mortar for flooring, skirting and jointed with neat cement slurrymixed with pigment to mach shade of tiles, including providing spacersat required interval and removing stains, including cost of all mateirals,mortar,labour, etc , Complete as per specification **Page No 109 Item No 14.45.1**	Sqm							
	GF:-Ambedkar Colony Anganawadi:Hall		1	6.50	4.90		31.85		
			1	2.15	4.90		10.54		
			1	8.70	1.55		13.49		
	Kanakanagara School:-Class Room 1		1	5.60	4.72		26.46		
	Class Room 2		1	6.80	4.75		32.34		
							114.67		
		A)Up to125% of quantity					36.33	1105.73	40165.64
		B)Above 125% of quantity					78.34	1105.73	86622.89

44	Providing and fixing Vitrified glazed tiles of approved make,quality.& colour of size 600 x 600 x 10 mm thick fixed on bed of 12mm thickcement mortar for flooring, skirting and jointed with neat cement slurrymixed with pigment to mach shade of tiles, including providing spacersat required interval and removing stains, including cost of all mateirals,mortar,labour, etc., Complete as per specification **Page No 109 Item No 14.45.1**	Sqm							
	FF:-Ambedkar Colony Anganawadi:Hall		1	8.60	4.90		42.14		
			1	7.20	1.55		11.16		
	Kanakanagara School:-Class Room 1		1	5.40	5.00		27.00		
	Class Room 2		1	6.60	5.00		33.00		
	Varanda		1	7.00	1.55		10.85		
			1	3.60	8.12		29.24		
	Allalsandra Sri Shakthi Bhavana Near Anganawadi :-								
	Room		1		4.60		52.44		
							205.83		
		A)Up to125% of quantity					114.49	1108.00	126852.15
		B)Above 125% of quantity					91.34	1108.00	101207.49
45	KSRB 14-14 5 : Providing Ceramic tiles of approved make,shade and size for flooring ,treads of steps and landings laid on a bed of 12mm thick,cement mortor 1:3 mix,flush pointing with white cement using Colour pigment including cost of materials,labour,curing ,complete as per specifications for ceramic tiles of size 30 X 30cms 6mm thick	Sqm							
	Ambedkar Colony Anganawadi:- Toilet		1	1.50	1.20		1.80		
							1.80	1370.83	2467.49
46	KSRB 14-17.2 : Providing skirting, dado, rises of steps with colour glazed tiles 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 PgNo 108,Item No14.41.2	Sqm							
	Ambedkar Colony Anganawadi:-Partotion Wal		2	0.80		1.90	3.04		
			2	1.20		1.90	4.56		
			1	2.40		0.90	2.16		
							9.76	1848.93	18045.56
47	Waterproofingof RCC Terrace / podium slab / toilet / utilities / water retaining structure by preparing the surface by chipping and cleaning and Grouting of Honey comb, voids,cracks / construction joints with cement slurry (1kg cement added in 10 ltr of water) added with 100gm of inorganic accelerator, followed by spraying of liquid biological modified alkaline earth silicates @ 0.40 ltr per sqm on whole surface to reduce the micro porosity and allowing it to dry, curing the surface for the silicates to penetrate deeper into the concrete and spraying waterproofing impregnate liquid containing silane and silanol linear copolymer @ 0.50 ltr per sqm and finally applying polymer slurry made out of cross linked acrylic / styrene / butadiene & cement in the ratio of 1:0.1, @0.50kg/sqm on the whole surface, including all labour charges tools and equipments, all complete as per the specification. page no 69 item no 10.5.1	Sqm							

		A)Up to125% of quantity					9.45	5354.18	50597.00
		B)Above 125% of quantity					1.05	5354.18	5621.89
55	Providing and fixing factory made single leaf rigid GRP Sandwich composite door shutter of 40 mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized Isopthalic Gelcoat and one layer of 450 gns E-Glass Chopped Strand Mat (CSM), impregnated with orthopthalic polyester resin. The thickness of the skins shall not be less than 1.5mm.Expanded Polystyrene (EPS) structural foam panel of 37mm thickness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not lessthan 36mmx32mmand also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc. shall be provided. A structural adhesive compatible with EPS foam shall be used for bonding the core material, the salwood reinforement and the skins. The material and process for manufacturing the door shutters shall confirm to RV- TIFAC Composites Design Centre Standards and specifications and the door shutters tested in confiramation to IS 4020-1994. The finish of shutter will be plain coulur White/IVORY/Beige/LighGrey or any other colour using high quality pigments. Excluding cost of fixtures and inclusive of supply of shutters to respective work spot. P.No.60, I.No 9.94	Sqm								
	GF:-Ambedkar Colony Anganawadi:-		2	0.75		1.95	2.93		
							2.93	4305.10	12592.00
56	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost ofmaterials, labour, complete as per specifications. Pg no:121 Item no 15.60.1	Sqm							
	GF:-Ambedkar Colony Anganawadi:-	2.25	1	1.00		2.10	4.73		
	Kanakanagara School:-	2.25	2	1.00		2.10	9.45		
	FF:-Ambedkar Colony Anganawadi:-	2.25	1	1.00		2.10	4.73		
	Kanakanagara School:-	2.25	2	1.00		2.10	9.45		
							28.35	109.88	3115.10
57	Providing and fixing MS Grill over existing Compond Wall as Per using 16mm x 16mm M.S.Square Rod at 150mm c/c spacing and 6mm x40mm MS.flats at horizontal and 6mm x12mm M.S flat at ornamental Design at the vertex of every vertical rods,including welding ,grinding wherever necessary.All the steel surface should be throughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc complete.The work includes cost of all materials ,labour charges for all items of work ,hire charges for welding,cutting and grinding equipment,and electricity charges etc,Complete as per specification.(P.No 44 of I.No.7.36 in PW,P&IWTD SR 2018-19).	Sqm								
	GF:-Ambedkar Colony Anganawadi:-		2	1.20		1.20	2.88		
	Kanakanagara School:-		4	1.20		1.20	5.76		
	FF:-Ambedkar Colony Anganawadi:-		2	1.20		1.20	2.88		
			1	0.90		1.20	1.08		
	Kanakanagara School:-		8	1.20		1.20	11.52		
	Allalsandra Sri Shakthi Bhavana Near Anganawadi :-w		4	1.20		1.20	5.76		
							29.88	6082.65	181749.58

63	PROVIDING TRAPEZOIDAL PROFIELD SHEET Providing and installing of pre painted Galvolume iron trepezoidal profiled sheet of approved make 1060mm width (1000mm cover width),28-30 mm crest height with crest distance of 200mm c/c with 2 ribs at the centre for stiffening.The Total Coated Thickness (TCT) of the Sheet will be 0.47mm +/- 0.02 mm tolerance Zinc-Alu Alloy Coating AZ 150 gsm as per ASTM 1397/a755-550mpa steel grade,5-7 microns epoxy primer on both side of the sheet and polyster top coat 20-22 microns using self drilling /Self tapping screws of 25mm lenth ,to be fixed over the existing purlins ,rafters,channels and trusses.	Sqm							
	Ground Floor:-Allalasandra Govt School		1	18.40	5.40		99.36		
							99.36	779.45	77446.15
64	Fabricating,supplyingand erecting, **M.S.Tubular Trusses** for all spans as per approved drawing and designs with prefabricated steel applications using quality materials and are durable ,reliable and corrosion and abrasion resistant.Welding shall confirm,to latest structural welding code Quality shall be on various parameters like shape,size,design gauge and polish.The entire trusses is anchored in RCC columns by using 4 nos of MS Pipes and welding wherever necessary and appying one coat of redoxide primer coat to all members of including cost of all materials,labourcharges,andhire charges of machineries for cutting,welding,grinding and erection equipments,with all lead and lift transportation,etc,completeas per specifications.	Kg.s							
			1	18.40	5.40		99.36		
					99.36	32.28	3207.34		
						Say	3207.00	125.75	403280.25
	Electrifications								
65	Point wiring using copper wire without switch Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694 and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet.**Short Point Up to 3m.**(Page No 5/Item No 2.1.1)	Point							
	Kankanagara School		4				4.00		
	Ambedkar Colony Anganawadi:-		4				4.00		
	Allalsandra Sri Shakthi Bhavana Near Anganawadi :-		2				2.00		
							10.00	209.80	2098.00
66	Point wiring using copper wire without switch Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694 and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet.**Medium Point Above 3m-6m** (Page No 5/Item No 2.1.2)	Point							
	Kankanagara School		4				4.00		
	Ambedkar Colony Anganawadi:-		4				4.00		
	Allalsandra Sri Shakthi Bhavana Near Anganawadi :-		2				2.00		

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72	Supplying 6A flush type socket and 6 amp flush type SP switch either surface/flush mountinh in existing gang box or in 4mm thik plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wire as required as per IS 1293 and IS 3654. **6AMP 3/5 and Switch**(Page No 9/Item No 3.1.2)	No							
	Kankanagara School		4				4.00		
	Ambedkar Colony Anganawadi:-		4				4.00		
	Allalsandra Sri Shakthi Bhavana Near Anganawadi :-		4				4.00		
							12.00	138.47	**1661.64**
73	Supplying and mounting 2 Nos, of 2 Way 6amps flush type switches either surface/flush mounted on existing gang box or in 4mm thick plastic sheet and mounted on a flusg mounted wooden box and wiring as per IS 1293. (Page No 9/Item No 3.2)	Each							
	Kankanagara School		4				4.00		
	Ambedkar Colony Anganawadi:-		4				4.00		
	Allalsandra Sri Shakthi Bhavana Near Anganawadi :-		4				4.00		
							12.00	157.35	**1888.20**
74	Supply and fixing of bakelite D.P /socket/switch with/ without neon indicator over existing wood board or flush mounting in plastic plates/nitches as per IS 1293 and IS 3854.**16Amps Combined Switch and socket with indication**(Page No 15/Item No 3.3.4)	No							
	Kankanagara School		4				4.00		
	Ambedkar Colony Anganawadi:-		4				4.00		
	Allalsandra Sri Shakthi Bhavana Near Anganawadi :-		4				4.00		
							12.00	203.51	**2442.12**
75	Supply and fixing of bakelite D.P /socket/switch with/ without neon indicator over existing wood board or flush mounting in plastic plates/nitches as per IS 1293 and IS 3854.**16Amps Combined Switch and socket with indication**(Page No 15/Item No 3.3.4)	No							
	Kankanagara School		4				4.00		
	Ambedkar Colony Anganawadi:-		4				4.00		
	Allalsandra Sri Shakthi Bhavana Near Anganawadi :-		4				4.00		
							12.00	157.35	**1888.20**
76	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with lowconductor resistance single core in open or concealedsystemof wiring with specified IS-694 confirming to latestamendments**1.5sqmm** (Page No 6/Item No 2.3.2)	Rmtr							
	Kankanagara School		1	20.00			20.00		
	Ambedkar Colony Anganawadi:-		1	20.00			20.00		
	Allalsandra Sri Shakthi Bhavana Near Anganawadi :-		1	15.00			15.00		
							55.00	21.03	**1156.65**
77	Wiring for lighting / power circuit using one of FRLS PVCinsulated 1100V grade, multistrand copper wire with lowconductor resistance single core in open or concealedsystemof wiring with specified IS-694 confirming to latest amendments.**2.5sqmm** (Page No 6/Item No 2.3.3)	Rmtr							
	Kankanagara School		4				4.00		
	Ambedkar Colony Anganawadi:-		4				4.00		
	Allalsandra Sri Shakthi Bhavana Near Anganawadi :-		2				2.00		
							10.00	33.57	**335.70**

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬ.ಬ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

78	Wiring for lighting / power circuit using one of FRLS PVCinsulated 1100V grade, multistrand copper wire with lowconductor resistance single core in open or concealedsystemof wiring with specified IS-694:confirming to latest amendments.2.5sqmm(Page No 6/Item No 2.3.3)Supplying and fixing Metal Fan Box with Round Hook(Page No 3/Item No 1.1.2)	Each							
	Kankanagara School		4				4.00		
	Ambedkar Colony Anganawadi:-		4				4.00		
	Allalsandra Sri Shakthi Bhavana Near Anganawadi :-		2				2.00		
							10.00	89.17	891.70
79	Suppiying and fixing of slim box Fitting ,made out of CRCA sheet metal body with locking type holder completely wired Excluding Ballast &Flouresent Tube. 1X4' Tube light Fitting(Page No 69/Item No 12.4.2)	No.s							
	Kankanagara School		4				4.00		
	Ambedkar Colony Anganawadi:-		3				3.00		
	Allalsandra Sri Shakthi Bhavana Near Anganawadi :-		2				2.00		
							9.00	314.70	2832.30
80	Supplying capacitor type ceiling fan complete with down rod blades shackle, canopies etc, for operation on 230 volts, 50 cycles. single phase AC supply conforming to ISS-374-1979 and with double ball bearing system 48" sweep (1200mm)(Page No 46/Item No 7.3.1)	Each							
	Kankanagara School		4				4.00		
	Ambedkar Colony Anganawadi:-		3				3.00		
	Allalsandra Sri Shakthi Bhavana Near Anganawadi :-		2				2.00		
							9.00	2192.41	19731.69
							Sub Total Amount RS		9149262.19
							Add 12% of GST Charges RS		1097911.46
							Grand Total RS		10247173.65

CERTIFICATE

1 Certified that the above work done is satisfactory completed to work.

2 Certified that the there is no debries have been cleared to site

Assistant Engineer
Ward No-04

Assistant Executive Engineer
Yelahanka Satellite Town Sub Division
BBMP

Bruhat Bengaluru Mahanagara Palike

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

PRE-MEASUREMENT SHEET

NAME OF WORK:- Additional and Alteration of school Buildings at Kanakanagara,Allalsandra and Ambedkar Nagara in Ward No-04.

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

NAME OF WORK:- Additional and Alteration of school Buildings at Kanakanagara,Allalsandra and Ambedkar Nagara in Ward No-04.

Agency:-M/S Goutham Construction Prop.Sri.RAGHUNATHA B P

1st & Final Bill

Pre-Measurements Taken On:- 08/02/2022

S.NO	Description of item's	Unit	No	Measurements			Qty	Remarks
				L	B	D		
2	KSRRB M200-14.2.Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherevernecessary, sorting the dismantled material, disposal of unserviceablematerial and stacking the serviceable material with all lifts complete asper specifications Dismantling brick/Tile work B. In cement mortar. Pg No.139 Item No.18.23	Cum						
	Ground Floor							
	Allalasandra:-Long Direction		2	7.95	0.20	2.70	8.59	
	Short Direction		2	6.10	0.20	2.70	6.59	
	Kanakanagara:-Long Direction		2	28.58	0.20	3.25	37.15	
			2	3.65	0.20	3.25	4.75	
			1	2.15	0.20	3.25	1.40	
	Short Direction		4	6.75	0.20	3.25	17.55	
			2	5.10	0.20	3.25	6.63	
			2	2.40	0.20	3.25	3.12	
							85.77	
	Deductions.-Allalasandra:-D		1	1.20	0.20	2.10	0.50	
	W		1	1.50	0.20	1.50	0.45	
	Kanakanagara:-D		3	1.20	0.20	2.10	2.52	
	W		1	0.75	0.20	2.10	0.32	
							3.79	
							81.98	

Assistant Engineer
Ward No-04

Assistant Executive Engineer
Yelahanka Satellite Town Sub Division
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BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

NAME OF WORK:- Additional and Alteration of school Buildings at Kanakanagara,Allalsandra and Ambedkar Nagara in Ward No-04.

Agency:-M/S Goutham Construction Prop.Sri.RAGHUNATHA B P

1st & Final Bill

Pre-Measurements Taken On:- 08/02/2022

S.NO	Description of item's	Unit	No	Measurements			Qty	Remarks
				L	B	D		
3	37.51: Dismantling cement concrete flooring or plain cement concrete work including removing and conveying the debris to distance upto 200m (within average thickness of 15 cms) No. KBS Pg No 270 ,Item No 37.51,	Sqm						
	Ground Floor Flooring:-							
	Allalasandra:- Anganawadi		1	7.55	6.10		46.06	
	Kanakanagara:-Class Room		1	7.46	6.75		50.36	
	Anganawadi		1	6.06	6.75		40.91	
	Existing Building		1	15.06	6.75		101.66	
	Room		1	1.25	1.55		1.94	
	Sheet Roof Building		1				18.62	
	Sheet Roof Toilet						5.16	
							264.68	

Assistant Engineer
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Yelahanka Satellite Town Sub Division
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BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

NAME OF WORK:- Additional and Alteration of school Buildings at Kanakanagara,Allalsandra and Ambedkar Nagara in Ward No-04.

Agency:-M/S Goutham Construction Prop.Sri.RAGHUNATHA B P

1st & Final Bill

Pre-Measurements Taken On:- 08/02/2022

S.NO	Description of item's	Unit	No	Measurements L	B	D	Qty	Remarks
5	Conveying the excavated earth, debries etc , with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge. Pg No 136,Item No17.4	Cum						
	Debries	Quantity Vide Item No-01					65.80	
		Quantity Vide Item No-02					81.98	
					264.68	0.15	39.70	
					451.79	0.02	9.04	
	Allalasandra:-Anganawadi				4.80	0.55	36.70	
	Kanakanagara:-Class Room				5.00	0.60	36.00	
							269.21	

Assistant Engineer
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Yelahanka Satellite Town Sub Division
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BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

NAME OF WORK:- Additional and Alteration of school Buildings at Kanakanagara,Allalsandra and Ambedkar Nagara in Ward No-04.

Agency:-M/S Goutham Construction Prop.Sri.RAGHUNATHA B P

1st & Final Bill

Pre-Measurements Taken On:- 18/02/2012

S.NO	Description of item's	Unit	No	Measurements L	B	D	Qty	Remarks
7	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. Specification No. KBSPg No 7, Item No 2.15	Cum						
	Ambedkar Colony Anganawadi:Footings:-F1		1	3.90	3.90	0.15	2.28	
	F2		1	3.00	3.00	0.15	1.35	
	F2'		1	3.90	1.80	0.15	1.05	
	F2"		1	3.60	2.10	0.15	1.13	
	F3		1	3.00	1.80	0.15	0.81	
	F3'		1	2.40	1.80	0.15	0.65	
	Kanakanagara School:Footings -F1		1	3.90	3.90	0.15	2.28	
	F2		2	3.60	3.00	0.15	3.24	
	F3		1	3.00	3.00	0.15	1.35	
	F3'		1	2.40	3.50	0.15	1.51	
	F2-F4		1	4.80	2.00	0.15	2.88	
	Steps		1	3.00	1.80	0.15	0.81	
							19.35	

GCoL

Assistant Engineer
Ward No-04

Assistant Executive Engineer
Yelahanka Satellite Town Sub Division
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

NAME OF WORK:- Additional and Alteration of school Buildings at Kanakanagara,Allalsandra and Ambedkar Nagara in Ward No-04.

Agency:-M/S Goutham Construction Prop.Sri.RAGHUNATHA B P

1st & Final Bill

Pre-Measurements Taken On:- 20/02/2022

S.NO	Description of item's	Unit	No	Measurements L	B	D	Qty	Remarks
8	KSRB 4-1.6 : Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kg,s, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.459cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation Plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.Specification No. KBS 4.1, 4.2Pg No.13 Item No 4.6 of PWD SR 2018-19)	Cum						
	Ambedkar Colony Anganawadi:-Footings:-F1		1	3.90	3.90	0.15	2.28	
	F2		1	3.00	3.00	0.15	1.35	
	F2'		1	3.90	1.80	0.15	1.05	
	F2"		1	3.60	2.10	0.15	1.13	
	F3		1	3.00	1.80	0.15	0.81	
	F3'		1	2.40	1.80	0.15	0.65	
	Foundations.-Long Wall		3	6.50	0.90	0.15	2.63	
			3	2.05	0.90	0.15	0.83	
	Short Wall		3	4.70	0.90	0.15	1.90	
			3	2.05	0.90	0.15	0.83	
	Sump		1	3.00	1.80	0.15	0.81	
	Kanakanagara School:Footings:-F1		1	3.90	3.90	0.15	2.28	
	F2		2	3.60	3.00	0.15	3.24	
	F3		1	3.00	3.00	0.15	1.35	
	F3'		2	2.40	2.10	0.15	1.51	
	F2-F4		2	4.80	2.00	0.15	2.88	
	Foundations:-Long Wall		2	13.50	0.90	0.15	3.65	
			1	8.55	0.90	0.15	1.15	
	Short Wall		4	4.70	0.90	0.15	2.54	
			3	1.65	0.90	0.15	0.67	
	Step		3	4.75	0.10	0.15	0.23	
	Flooring:-Ambedkar Colony Anganawadi:Hall		2	4.70	1.70	0.15	4.44	
			1	1.70	1.70	0.15	1.37	
			1	3.50	1.45	0.15	1.85	
			1	2.40	1.20	0.12	0.35	
	Kanakanagara School:-Class Room 1		1	5.20	4.75	0.12	2.96	
	Class Room 2		1	6.40	4.75	0.12	3.65	
	Varanda		1	6.80	1.35	0.12	1.10	
			1	13.40	1.95	0.15	3.92	
							53.42	
	Ambedkar Colony Anganawadi:Footings.-F1		1	3.90	0.90	0.15	0.53	
	F2		1	3.00	0.90	0.15	0.41	
	F2'		1	3.90	0.90	0.15	0.53	
	F2"		1	3.60	0.90	0.15	0.49	
	F3		1	3.00	0.90	0.15	0.41	

	F3		1	2.40	0.90	0.15	0.32	
	Kanakanagara School:-Footings:-F1		1	3.90	0.90	0.15	0.53	
	F2		2	3.60	0.90	0.15	0.97	
	F3		1	3.00	0.90	0.15	0.41	
	F3		2	2.40	0.90	0.15	0.65	
	F2-F1		2	4.80	0.90	0.15	1.30	
							6.52	
							46.90	

Assistant Engineer
Ward No-04

Assistant Executive Engineer
Yelahanka Satellite Town Sub Division
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

NAME OF WORK:- Additional and Alteration of school Buildings at Kanakanagara,Allalsandra and Ambedkar Nagara in Ward No-04.

Agency:-M/S Goutham Construction Prop.Sri.RAGHUNATHA B P

1st & Final Bill

Pre-Measurements Taken On:- 27/02/2022

S.NO	Description of item's	Unit	No	Measurements L	B	D	Qty	Remarks
10	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerddressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials, labour, curing completeas perspecifications.KBS 5.1.13 Pg No 25 item No 5.6	Cum						
	Foundation 1st footing							
	Ambedkar Colony Anganawadi:-Long Wall		3	6.50	0.70	0.35	4.78	
			3	2.05	0.70	0.35	1.51	
	Short Wall		3	4.85	0.70	0.35	3.56	
			3	2.20	0.70	0.35	1.62	
	Kanakanagara School :-Long Wall		2	13.50	0.75	0.35	7.09	
			1	8.55	0.70	0.35	2.09	
	Short Wall		4	4.85	0.70	0.35	4.75	
			3	1.80	0.70	0.35	1.32	
	Foundation 2nd footing							
	Ambedkar Colony Anganawadi:-Long Wall		3	6.35	0.55	0.55	5.76	
			3	1.90	0.55	0.55	1.72	
	Short Wall		3	5.00	0.55	0.55	4.54	
			3	2.35	0.55	0.55	2.13	
	Kanakanagara School :-Long Wall		2	13.35	0.60	0.55	8.81	
			1	8.40	0.60	0.55	2.77	
	Short Wall		4	5.00	0.60	0.55	6.60	
			1	4.80	0.60	0.55	1.93	
							60.99	
	Deductions							
	1st Footing:-Ambedkar Colony Anganawadi,Columns :- C1		1	0.45	0.20	0.35	0.03	
			1	0.45	0.20	0.35	0.03	
			1	0.45	0.20	0.35	0.03	
	C2"		1	0.45	0.20	0.35	0.03	
	C3		1	0.45	0.20	0.35	0.03	
	C3'		1	0.45	0.20	0.35	0.03	
	Kanakanagara School :- C1		1	0.45	0.20	0.35	0.03	
	C2		2	0.45	0.20	0.35	0.06	
	C3		1	0.45	0.20	0.35	0.03	
	C3'		2	0.45	0.20	0.35	0.06	
	C2-C4		4	0.45	0.20	0.35	0.13	
	2nd Footing:-Ambedkar Colony Anganawadi,Columns :- C1		1	0.45	0.20	0.55	0.05	
	C2		1	0.45	0.20	0.55	0.05	
	C2'		1	0.45	0.20	0.55	0.05	
	C2"		1	0.45	0.20	0.55	0.05	

C3		1	0.45	0.20	0.55	0.05	
C3'		1	0.45	0.20	0.55	0.05	
Kanakanagara School :- C1		1	0.45	0.20	0.55	0.05	
C2		2	0.45	0.20	0.55	0.10	
C3		1	0.45	0.20	0.55	0.05	
C3'		2	0.45	0.20	0.55	0.10	
C2-C4		4	0.45	0.20	0.55	0.20	
						1.30	
						59.70	

Assistant Engineer
Ward No-04

Assistant Executive Engineer
Yelahanka Satellite Town Sub Division
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

NAME OF WORK:- Additional and Alteration of school Buildings at Kanakanagara,Allalsandra and Ambedkar Nagara in Ward No-04.

Agency:-M/S Goutham Construction Prop.Sri.RAGHUNATHA B P

1st & Final Bill

Pre-Measurements Taken On:- 05/03/2022

S.NO	Description of item's	Unit	No	Measurements L	B	D	Qty	Remarks
25	KSRB 4.9.2 : Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3 Pg No.18 Item No.4.46.2	Tonne						
	Ground Floor Footing,s							
	Ambedkar Colony Anganawadi:-16mm Dia(0.20c/c) F1	80	1	4.50	360.00			
	F2	60	1	3.50	210.00			
	F2'	18	1	4.50	81.00			
	F2"	20	1	3.50	70.00			
					721.00	1.58	1139.18	
	12mm Dia(0.20c/c)							
	F2'	40	1	2.30	92.00			
	F2"	36	1	2.60	93.60			
	F3	18	1	2.30	41.40			
					227.00	0.89	202.03	
	10mm Dia(0.20c/c)							
	F3	30	1	2.30	69.00			
	F3'	24	1	2.60	62.40			
		18		2.30	41.40			
					172.80	0.62	107.14	
	Kanakanagara School Footings:16mm Dia(0.20c/c) F1	80	1	4.50	360.00			
	F3	36	2	3.50	252.00			
		30	2	4.10	246.00			
	F2-F4	48	2	2.50	240.00			
		20	2	5.30	212.00			
					1310.00	1.58	2069.80	
	12mm Dia(0.20c/c)							
	F3	30	1	3.50	105.00			
		30	1	3.50	105.00			
	F3'	20	1	2.90	58.00			
					268.00	0.89	238.52	
	10mm Dia(0.20c/c)							
	F3'	24	1	2.60	62.40			
					62.40	0.62	38.69	
	Measurements Continued On :-							

2nd flight	12	1	1.80	21.60			
				108.00	0.89	96.12	
Distrubutions10mm Dia (o.15c/c)	58	1	0.90	52.20			
	24	1	0.90	21.60			
	22	1	0.90	19.80			
				93.60	0.62	58.03	
Main Rods 12mm Dia (0.15c/c)							
Kanakanagara School-1st flight	12	1	4.80	57.60			
Landing	12	1	1.80	21.60			
2nd flight	12	1	1.60	19.20			
				98.40	0.89	87.58	
Distrubutions10mm Dia (o.15c/c)	58	1	0.90	52.20			
	24	1	0.90	21.60			
	22	1	0.90	19.80			
				93.60	0.62	58.03	
Allalsandra Sri Shakthi Bhavana Near Anganawadi :-							
3rd flight	15	1	7.50	112.50			
Landing	15	1	2.00	30.00			
4th flight	15	1	4.80	72.00			
				214.50	0.89	190.91	
Distrubutions10mm Dia (o.15c/c)							
3rd flight	52	1	1.05	54.60			
Landing	23	1	1.05	24.15			
4th flight	45	1	1.05	47.25			
				126.00	0.89	112.14	
Measurements Continued On :-							
Columns:-							
Ambedkar Colony Anganwadi:-8mm Dia C	8	6	3.90	187.20			
				187.20	3.85	720.72	
Sturrupps:-8mm Dia (0.20C/C):C	13	6	1.20	93.60			
	26	6	0.80	124.80			
				218.40	0.39	85.18	
						20329.00	
						20.33	

Assistant Engineer
Ward No-04

Assistant Executive Engineer
Yelahanka Satellite Town Sub Division
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

NAME OF WORK:- Additional and Alteration of school Buildings at Kanakanagara,Allalsandra and Ambedkar Nagara in Ward No-04.

Agency:-M/S Goutham Construction Prop.Sri.RAGHUNATHA B P

1st & Final Bill

Pre-Measurements Taken On:- 05/03/2022

S.NO	Description of item's	Unit	No	Measurements L	Measurements B	Measurements D	Qty	Remarks
26	KSRB 4.9.2 : Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3 Pg No.18 Item No.4.46.2	Tonne						
	First Floor							
	Lintel Beams:-							
	Ambedkar Colony Anganawadi:12mm Dia (0.15):-Long Wall	6	2	9.20	110.40			
	Short Wall	6	2	5.10	61.20			
		6	1	2.30	13.80			
					185.40	0.89	165.01	
	Distrubutions:-8mm Dia(o.20c/c)Long Wall	45	2	0.90	81.00			
	Short Wall	27	2	0.90	48.60			
		11	1	0.90	9.90			
					139.50	0.39	54.41	
	Kanakanagara School:12mm Dia (0.15):-Long Wall	6	1	13.90	83.40			
		6	1	12.50	75.00			
	Short Wall	6	3	5.20	93.60			
					252.00	0.89	224.28	
	Distrubutions:-8mm Dia(o.20c/c)Long Wall	68	1	0.90	61.20			
		61	1	0.90	54.90			
	Short Wall	25	3	0.90	67.50			
					183.60	0.39	71.60	
	Allalsandra Sri Shakthi Bhavana Near Anganawadi:12mm Dia (0.15)							
	Long Wall	6	2	12.80	153.60			
	Short Wall	6	3	5.20	93.60			
					247.20	0.89	220.01	
	Distrubutions:-8mm Dia(o.20c/c)Long Wall	60	2	0.90	108.00			
	Short Wall	25	2	0.90	45.00			
					153.00	0.39	59.67	
	Measurements Continued On :-							
	Tie Beams:-Bottom Rods							

	72	1	1.35	97.20			
Distrubution Rods 8mm Dia (@20c/c)				216.00	0.89	192.24	
Kanakanagara School :-W							
Allalsandra Sri Shakthi Bhavana Near Anganawadi :-W	5	4	1.45	29.00			
	5	4	1.45	29.00			
	5	1	10.20	51.00			
				109.00	0.39	42.51	
			21.00	192.24		9237.35	
						9.24	

Assistant Engineer
Ward No-04

Assistant Executive Engineer
Yelahanka Satellite Town Sub Division
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

NAME OF WORK:- Additional and Alteration of school Buildings at Kanakanagara,Allalsandra and Ambedkar Nagara in Ward No-04.

Agency:-M/S Goutham Construction Prop.Sri.RAGHUNATHA B P

1st & Final Bill

Pre-Measurements Taken On:- 25/03/2022

S.NO	Description of item's	Unit	No	Measurements L	B	D	Qty	Remarks
11	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete asper specifications. Specification. No. KBS 2.9, Pg No.7, Item No.2.10	Cum						
				Qty Vide Item No-4			243.41	
	(-)Conveying Deductions:							
	Allalasandra:- Anganawadi		1	13.90	4.80	0.55	36.70	
	Kanakanagara:-Class Room		1	12.00	5.00	0.60	36.00	
							72.70	
							170.71	

25/03/2022

Assistant Engineer
Ward No-04

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Assistant Executive Engineer
Yelahanka Satellite Town Sub Division
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

NAME OF WORK:- Additional and Alteration of school Buildings at Kanakanagara,Allalsandra and Ambedkar Nagara in Ward No-04.

Agency:-M/S Goutham Construction Prop.Sri.RAGHUNATHA B P

1st & Final Bill

Pre-Measurements Taken On:- 30/03/2022

SNO	Description of item's	Unit	No	Measurements L	B	D	Qty	Remarks
62	**KSRRB M300-Construction of Embankment with Material Gravel/Murrum** KSRRB M300-53. Construction of embankment with approved material Gravel /Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density. MORTH Specification No. 305. (P.No.147, I.No.19.60 of PW, P&IWTD SR 2018-19)	cum						
	Ambedkar Colony Anganawadi:-Hall		1	6.00	4.50	0.45	12.15	
			1	1.65	4.50	0.45	3.34	
			1	8.20	1.20	0.45	4.43	
	Sump Alround Filling		2	3.00	0.15	0.45	0.41	
			2	1.55	0.15	0.45	0.21	
	Kanakanagara School:-Class Room 1		1	4.90	4.50	0.45	9.92	
	Class Room 2		1	6.10	4.50	0.45	12.35	
	Varanda		1	6.50	1.05	0.45	3.07	
			1	13.00	1.65	0.45	9.65	
							55.53	

Assistant Engineer
Ward No-04

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Yelahanka Satellite Town Sub Division
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BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

NAME OF WORK:- Additional and Alteration of school Buildings at Kanakanagara,Allalsandra and Ambedkar Nagara in Ward No-04.

Agency:-M/S Goutham Construction Prop.Sri.RAGHUNATHA B P

1st & Final Bill

Pre-Measurements Taken On:- 20/02/2022

SNO	Description of item's	Unit	No	Measurements L	B	D	Qty	Remarks
12	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2, Pg No16, Item No 4.28	Sqm						
	Ambedkar Colony Anganawadi:Footings:-F1	2	1	3.90		0.80	6.24	
		2	1	3.90		0.80	6.24	
	F2	2	1	3.00		0.75	4.50	
		2	1	3.00		0.75	4.50	
	F2'	2	1	3.90		0.80	6.24	
		2	1	1.80		0.80	2.88	
	F2"	2	1	3.60		0.80	5.76	
		2	1	2.10		0.80	3.36	
	F3	2	1	3.00		0.80	4.80	
		2	1	1.80		0.80	2.88	
	F3'	2	1	2.40		0.80	3.84	
		2	1	1.80		0.80	2.88	
	Kanakanagara School Footings:-F1	2	1	3.90		0.75	5.85	
		2	1	3.90		0.75	5.85	
		2	2	3.60		0.75	10.80	
		2	2	3.00		0.75	9.00	
	F3	2	1	3.00		0.80	4.80	
		2	1	3.00		0.80	4.80	
	F3'	2	2	2.40		0.80	7.68	
		2	2	2.10		0.80	6.72	
	F2-F4	2	2	4.80		0.80	15.36	
		2	2	2.00		0.80	6.40	
							131.38	

Assistant Engineer
Ward No-04

Assistant Executive Engineer
Yelahanka Satellite Town Sub Division
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BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

NAME OF WORK:- Additional and Alteration of school Buildings at Kanakanagara,Allalsandra and Ambedkar Nagara in Ward No-04.

Agency:-M/S Goutham Construction Prop.Sri.RAGHUNATHA B P

1st & Final Bill

Pre-Measurements Taken On:- 15/03/2022

S.NO	Description of item's	Unit	No	Measurements L	B	D	Qty	Remarks
14	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc. and Removal of form Work for columns, pillars, piers, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specificaiton. Specification No.KBS 4.6.2, Pg No 16, Item No 4.32	Sqm						
	Ambedkar Colony Anganawadi:-							
	Columns Up to plinth level - C1	2	1	0.45		0.90	0.81	
		2	1	0.20		0.90	0.36	
	C2	2	1	0.45		0.90	0.81	
		2	1	0.20		0.90	0.36	
	C2'	2	1	0.45		0.90	0.81	
		2	1	0.20		0.90	0.36	
	C2"	2	1	0.45		0.90	0.81	
		2	1	0.20		0.90	0.36	
	C3	2	1	0.45		0.90	0.81	
		2	1	0.20		0.90	0.36	
	C3'	2	1	0.45		0.90	0.81	
		2	1	0.20		0.90	0.36	
	GF:Columns Up to Floor level - C1	2	1	0.45		3.00	2.70	
		2	1	0.20		3.00	1.20	
	C2	2	1	0.45		3.00	2.70	
		2	1	0.20		3.00	1.20	
		2	1	0.45		3.00	2.70	
		2	1	0.20		3.00	1.20	
		2	1	0.45		3.00	2.70	
		2	1	0.20		3.00	1.20	
	C3	2	1	0.45		3.00	2.70	
		2	1	0.20		3.00	1.20	
	C3'	2	1	0.45		3.00	2.70	
		2	1	0.20		3.00	1.20	
	FF :-Columns Up to floor level - C1	2	1	0.45		3.00	2.70	
		2	1	0.20		3.00	1.20	
	C2	2	1	0.45		3.00	2.70	
		2	1	0.20		3.00	1.20	
	C2'	2	1	0.45		3.00	2.70	

	2	2	0.20		0.90	0.72	
C4	2	2	0.20		0.90	0.72	
	2	2	0.20		0.90	0.72	
Allalsandra Sri Shakthi Bhavana Near Anganawadi :-							
FF.-Columns Up to floor level -	2	6	0.45		3.15	17.01	
	2	6	0.23		3.15	8.69	
Columns Up to parapet level -	2	6	0.45		0.90	4.86	
	2	6	0.23		0.90	2.48	
						187.49	

Assistant Engineer
Ward No-04

Assistant Executive Engineer
Yelahanka Satellite Town Sub Division
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

NAME OF WORK:- Additional and Alteration of school Buildings at Kanakanagara,Allalsandra and Ambedkar Nagara in Ward No-04.

Agency:-M/S Goutham Construction Prop.Sri.RAGHUNATHA B P

1st & Final Bill

Pre-Measurements Taken On:- 28/03/2023

S.NO	Description of item's	Unit	No	Measurements			Qty	Remarks
				L	B	D		
15	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. - 0 to 5 mtrs.Specification No. KBS 4.6.2 page no.16 item no 4.29.2	Sqm						
	Ground Floor							
	Ambedkar Colony Anganawadi:Hall		1	6.30	4.70		29.61	
	Kitchen		1	1.95	5.00		9.75	
	Varanda		1	4.90	1.45		7.11	
			1	1.50	0.80		1.20	
	Sump Cover		1	2.40	1.20		2.88	
	Kanakanagara School :Class Room 1		1	5.20	4.75		24.70	
	Class Room 2		1	6.40	4.75		30.40	
	Varanda		1	1.40	4.75		6.65	
			1	9.20	2.00		18.40	
			1	4.50	0.95		4.28	
	First Floor							
	Ambedkar Colony Anganawadi:Hall		1	8.40	4.70		39.48	
	Varanda		1	1.35	4.70		6.35	
			1	1.70	0.80		1.36	
	Kanakanagara School :Class Room 1		1	5.20	4.75		24.70	
	Class Room 2		1	6.40	4.75		30.40	
	Varanda		1	1.40	4.75		6.65	
			1	9.20	2.00		18.40	
			1	4.50	0.95		4.28	
	Allalsandra Sri Shakthi Bhavana Near Anganawadi :-		1	5.50	4.40		24.20	
			1	5.50	4.40		24.20	
			1	1.95	0.75		1.46	
							316.44	

Assistant Engineer
Ward No-04

Assistant Executive Engineer
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BBMP

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YELAHANKA ZONE

NAME OF WORK:- Additional and Alteration of school Buildings at Kanakanagara,Allalsandra and Ambedkar Nagara in Ward No-04.

Agency:-M/S Goutham Construction Prop.Sri.RAGHUNATHA B P

1st & Final Bill

Pre-Measurements Taken On:- 12/04/2022

S.NO	Description of item's	Unit	No	Measurements L	B	D	Qty	Remarks
17	KSRB 4-6.7 Providing and removing centering, shuttering, strutting, propping etc , and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificatons.Specification No. KBS 4.6.2, Pg No 17, Item No 4.34	Sqm						
	Ground Floor:-Lintel Beams							
	Ambedkar Colony Anganawadi:-Long Wall	2	2	8.55		0.20	6.84	
	Short Wall	2	3	4.70		0.20	5.64	
		2	1	1.95		0.20	0.78	
	Kanakanagara School :-Long Wall	2	1	13.45		0.20	5.38	
		2	1	12.00		0.20	4.80	
	Short Wall	2	3	4.75		0.20	5.70	
	Floor Beams							
	Ambedkar Colony Anganawadi:-Long Wall	2	4	8.55		0.30	20.52	
	Short Wall	2	4	4.75		0.30	11.40	
		2	3	1.65		0.30	2.97	
	Kanakanagara School :-Long Wall	2	2	13.45		0.30	16.14	
		2	1	8.55		0.30	5.13	
	Short Wall	2	3	4.45		0.30	8.01	
		2	3	1.65		0.15	1.49	
	First Floor:-Lintel Beams							
	Ambedkar Colony Anganawadi:-Long Wall	2	2	8.55		0.20	6.84	
	Short Wall	2	3	4.70		0.20	5.64	
		2	1	1.95		0.20	0.78	
	Kanakanagara School :-Long Wall	2	1	13.45		0.20	5.38	
		2	1	12.00		0.20	4.80	
	Short Wall	2	3	4.75		0.20	5.70	
	Lintel Beams:-Long Wall	2	2	11.80		0.20	9.44	
	Short Wall	2	3	4.40		0.20	5.28	
	Floor Beams							
	Ambedkar Colony Anganawadi:-Long Wall	2	4	8.55		0.25	17.10	
	Short Wall	2	6	4.45		0.30	16.02	
		2	6	1.65		0.30	5.94	
	Kanakanagara School :-Long Wall	2	2	13.45		0.30	16.14	
		2	1	8.55		0.30	5.13	
	Short Wall	2	3	4.45		0.30	8.01	
		2	3	1.65		0.30	2.97	
	Maharanipura Sri Shakthi Bhajana Mane Anganawadi :-Beams Long Wall	2	2	11.80		0.35	16.52	

	Short Wall	2	3	4.40		0.35	9.24	
							242.57	

Assistant Engineer
Ward No-04

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Assistant Executive Engineer
Yelahanka Satellite Town Sub Division
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

NAME OF WORK:- Additional and Alteration of school Buildings at Kanakanagara,Allalsandra and Ambedkar Nagara in Ward No-04.

Agency:-M/S Goutham Construction Prop.Sri.RAGHUNATHA B P

1st & Final Bill

Pre-Measurements Taken On:- 28/03/2022

SNO	Description of item's	Unit	No	Measurements L	B	D	Qty	Remarks
15	KSRB 4-6.11 .Providing and removing centering, shuttering, strutting, propping etc , and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaton Specification No. KBS 4.6.2, Pg No 17, Item No 4.38	Sqm						
	Staire case							
	Ambedkar Colony Anganawadi:-1st flight		1	4.20	1.10		4.62	
	Landing		1	1.80	1.10		1.98	
	2nd flight		1	1.45	1.10		1.60	
	3rd flight		1	4.20	1.10		4.62	
	Landing		1	1.70	1.10		1.87	
	4th flight		1	1.50	1.10		1.65	
	Kanakanagara School :-3rd flight		1	4.20	1.10		4.62	
	Landing		1	1.80	1.65		2.97	
	4th flight		1	1.50	1.10		1.65	
	Allalsandra Sri Shakthi Bhavana Near Anganawadi :-							
	3rd flight		1	5.90	1.10		6.49	
	Landing		1	1.85	1.10		2.03	
	4th flight		1	3.50	1.10		3.85	
							37.94	

Assistant Engineer
Ward No-04

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Yelahanka Satellite Town Sub Division
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

NAME OF WORK:- Additional and Alteration of school Buildings at Kanakanagara,Allalsandra and Ambedkar Nagara in Ward No-04.

Agency:-M/S Goutham Construction Prop.Sri.RAGHUNATHA B P

1st & Final Bill

Pre-Measurements Taken On:- 29/03/2022

SNO	Description of item's	Unit	No	Measurements			Qty	Remarks
				L	B	D		
19	KSRB 4.6.10 Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2 Pg No 17,Item No 4.37	Sqm						
	Chejja,s							
	Kanakanagara School :-W		4	1.50	0.45		2.70	
	Allalsandra Sri Shakthi Bhavana Near Anganawadi :-W		4	1.50	0.45		2.70	
			1	10.30	0.45		4.64	
							10.04	

Assistant Engineer
Ward No-04

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